



## Mars launch postponed for second time, now set for today

## ISS waits arrival of Russian Progress and more supplies



### ▲ Mars Rover to wait second day for launch:

Due to approaching thunderstorms and the potential for high winds at the pad at launch time yesterday, mission managers opted to call off the Mars launch attempt for the second time. Launch was postponed 24 hours. The weather forecast for today shows a slight improvement with a 70 percent chance for launch. The same holds for Wednesday in the event of another delay. Launch times available today are

1:58 p.m. and 2:36 p.m. EDT.

▲ **ISS Update:** An unmanned Russian resupply craft successfully blasted off from the Baikonur Cosmodrome in Kazakhstan Sunday, carrying more than two tons of food, fuel, water, supplies and scientific gear for the Expedition 7 crew aboard the International Space Station. After three days of pre-programmed engines firings to reach the ISS, the Progress will link up automatically to the Pirs Docking Compartment on the Station's Zvezda Service Module on Wednesday at 7:17 a.m. EDT. Within a few hours, Commander Yuri Malenchenko and Science Officer Ed Lu will open the hatch to the ship and begin to unload its cargo. Stowed in the Progress are replacement parts for environmental systems in both the U.S. and Russian segments of the Station, office supplies, two tanks of potable water and clothing items for the two crewmembers. Also aboard the Progress are two experiment kits for European Space Agency cosmonaut Pedro Duque, who will launch in October on the Soyuz TMA-3 vehicle with the Expedition 8 crew for about a week's worth of scientific research on the ISS under a contract between ESA and the Russian Aviation and Space Agency. Duque will return to Earth with Malenchenko and Lu in the Soyuz TMA-2 vehicle currently docked to the Station. Information on the crew's ac-

tivities aboard the space station, future launch dates, as well as station sighting opportunities from anywhere on the Earth, is available on the Internet at <http://spaceflight.nasa.gov/>.

◆ **NASA Science** – Astronauts onboard the ISS have seen some strange moons lately: red moons, squashed moons, vanishing moons. Last month science officer Ed Lu photographed perhaps the strangest scene of all – the moon floating inside Earth's atmosphere. For a look at the photo and more information, go to the Web site:

[http://science.nasa.gov/ppod/y2003/06jun\\_moonset2.htm](http://science.nasa.gov/ppod/y2003/06jun_moonset2.htm)

### ◆ Nature Cruise Offered by the Society of Women Engineers- Space Coast Section



The SWE would like to invite employees to join them at their end of the year pontoon boat Nature Cruise on Wednesday, June 11, from 5:30-9 p.m. The cruise features Captain Ron Thorstad and historian Laurilee Thompson who will guide guests through the Indian River Lagoon, the local historical sites and the natural wildlife on Mullet Head Wading Bird Rookery Island. Crab bites will be provided by Dixie Crossroads and boxed

dinners from Pumpernickels. The cruise leaves from the Titusville marina on U.S. 1. Cost is \$25. Please RSVP to Jamia Brogan at 321-749-9928.

◆ **Did You Know? Next Sunday is Father's Day.** Mrs. John B. Dodd, of Washington, first proposed a "father's day" in 1909 to honor her father, William Smart, a Civil War veteran who was widowed when his wife died in childbirth with their sixth child. Smart raised the newborn and his other five children by himself.

KSC Countdown is published every Tuesday & Thursday.

Deadlines: 10 a.m. Mondays & Wednesdays. Send information, comments or questions to:

◆ E-mail – [Anita.Barrett-1@ksc.nasa.gov](mailto:Anita.Barrett-1@ksc.nasa.gov) ◆ Telephone – 321-867-2815

Find KSC Countdown on the Internet at <http://www-pao.ksc.nasa.gov/kscpao/ksccount/2003.htm>